

Storm Data and Unusual Weather Phenomena

June 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
INDIANA, Northeast									
Wabash County 3 S North Manchester	10	1730EST			0	0	0		Thunderstorm Wind
			Trees and power lines down.						
St. Joseph County South Bend	13	1044EST			0	0			Thunderstorm Wind (G56)
			South side of town near Ireland Rd.						
St. Joseph County South Bend	13	1045EST			0	0	5K		Thunderstorm Wind
			Two trees down on a parked car and a house.						
St. Joseph County Mishawaka	13	1051EST			0	0			Thunderstorm Wind (G60)
			North side of town.						
St. Joseph County Mishawaka	13	1100EST			0	0	0		Thunderstorm Wind
			Trees down.						
Fulton County Rochester	13	1345EST			0	0	0		Thunderstorm Wind
			Trees down.						
Huntington County Roanoke	13	1505EST			0	0	0		Thunderstorm Wind
			Tree down and limbs down.						
Adams County 3 S Decatur	13	1515EST			0	0			Hail (0.75)
La Porte County La Porte	14	1530EST			0	0	10K		Thunderstorm Wind
			Trees and a roof were damaged by fallen trees.						
White County Wolcott	14	1531EST			0	0	0		Thunderstorm Wind
			Trees down.						
White County Wolcott	14	1535EST			0	0	10K		Thunderstorm Wind
			Roof blown off of a restaurant.						
Starke County Hamlet	14	1555EST			0	0	0		Thunderstorm Wind
			Trees down.						
La Porte County La Porte	14	1600EST			0	0	0		Thunderstorm Wind
			Trees down countywide.						
Marshall County Plymouth	14	1600EST			0	0	0		Thunderstorm Wind
			Trees and power lines down countywide.						
Pulaski County 1 N Beardstown	14	1610EST			0	0	0		Thunderstorm Wind
			Trees down.						
Marshall County 6 N Culver	14	1613EST			0	0	0		Thunderstorm Wind
			Large tree down.						
Cass County Lewisburg	14	1615EST			0	0	0		Thunderstorm Wind

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					Killed	Injured	Property	Crops	
INDIANA, Northeast									
									Trees down.
St. Joseph County									
5 S South Bend	14	1615EST			0	0	0		Thunderstorm Wind
									Trees down.
Fulton County									
Rochester	14	1620EST			0	0	0		Thunderstorm Wind
									Trees down.
Miami County									
Peru	14	1635EST			0	0	0		Thunderstorm Wind
									Tree downed against a house. Minor damage.
Elkhart County									
Elkhart	14	1640EST			0	0	0		Thunderstorm Wind
									Trees down.
Miami County									
Gilead	14	1640EST			0	0	0		Thunderstorm Wind
									Tree down.
Cass County									
Twelve Mile	14	1657EST			0	0	5K		Thunderstorm Wind
									Barn roof off near Twelve Mile and several trees down throughout the county.
Wabash County									
5 W North Manchester 2 NW North Manchester	14	1702EST 1707EST	2	60	0	0	100K	10K	Tornado (F1)
									The initial tornado touchdown occurred near the intersection of SR 15 and 114. Two barns were deroofed and a grain silo was partially blown down. Several trees and limbs were taken down. The tornado lifted briefly as it crossed SR 15. It then continued on the ground for one half mile before striking another farm just west of the intersection of SR 114 and 400 W. A barn roof was blown off, and several trees and power lines were taken down. Crop damage was noted in an adjacent field. The tornado then lifted until it touched down about 1 mile to the northeast.
Wabash County									
2 N North Manchester	14	1705EST			0	0	50K		Thunderstorm Wind
									Barn destroyed and windows blown out of a brick house.
Wabash County									
2 NW North Manchester 3 N North Manchester	14	1707EST 1712EST	4	200	0	3	700K	30K	Tornado (F2)
									The tornado touched down again, hitting a farm at 1300 N and 100 W. A man suffered a broken leg here. Two hog sheds and a large grain bin were destroyed. A 200-yard swath of trees were uprooted to the northeast along the railroad tracks. Another man suffered back and chest injuries as the tornado continued to the intersection of 1300 N and Meridian Road and demolished the barn in which he stood. A 5th wheel camper was rolled 50 yards from its original position destroying it. The tornado continued to the next farm just south of 1400 N and 100 E. The barn was destroyed and the house suffered moderate damage, primarily from flying tree debris. The tornado snapped a utility pole, which fell on an 18-year-old boy, breaking his leg. Many trees and power lines were downed along the way. From here, the tornado continued until the Wabash/Kosciusko county line.
Whitley County									
3 W Columbia City	14	1710EST			0	0			Hail (1.75)
Kosciusko County									
5 SSW Sidney to 4 S Sidney	14	1712EST 1715EST	1	100	0	0	200K	10K	Tornado (F2)

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INDIANA, Northeast



This series of pictures was taken at the Blocker residence just north of the Wabash/Kosciusko county line. Damage to the farmstead was severe but the farm house was luckily spared. Damage was estimated to be in excess of \$100,000.

The last farm was hit when the tornado was located just west of 1300 S and 400 E in Kosciusko County. Two barns, a garage, and several outbuildings were completely destroyed with some of the foundations swept clean. The house and two cars were severely damaged from large pieces of flying debris. A 17 foot boat was thrown about 20 yards and severely damaged. Most of the trees on this farm were destroyed. Debris from this farm was carried up to one half mile away as the tornado crossed 400 E and then lifted back into the clouds.

Whitley County Countywide	14	1715EST 1745EST			0	0	100K		Thunderstorm Wind
Many barns and few homes damaged. Several trees and power lines down.									
Whitley County Larwill	14	1715EST			0	0			Hail (1.00)
Whitley County 2 NE Larwill	14	1725EST			0	0			Hail (1.75)
Whitley County 3 W Columbia City	14	1730EST			0	0			Hail (1.75)
Whitley County 2 NW Columbia City	14	1733EST			0	0			Hail (0.75)
Whitley County Tri Lakes	14	1736EST			0	0			Hail (0.75)
Grant County Jalapa	14	1745EST			0	0	0		Thunderstorm Wind
Trees down.									
Whitley County Churubusco	14	1745EST			0	0	0		Thunderstorm Wind
Siding torn off of a garage. Trees down.									
Noble County 5 S Albion	14	1748EST			0	0			Hail (0.75)
Allen County Ft Wayne	14	1759EST			0	0	0		Thunderstorm Wind
Several trees down.									
Allen County Huntertown	14	1800EST			0	0	0		Thunderstorm Wind
Trees down.									
De Kalb County 1 SW Butler Center to 1 SE Butler Center	14	1800EST 1806EST	3	400	0	0	200K		Tornado (F2)

The tornado touched down on CR 64, one half mile west of Indian Springs Camp Ground. Trees and power lines were knocked down and many were snapped and uprooted. Extensive roof damage occurred to houses in the area. A barn was damaged with much of its roof torn off and outbuildings were either damaged or destroyed. The tornado then lifted back into its parent cloud.

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INDIANA, Northeast									
Noble County									
Avilla	14	1800EST			0	0			Hail (0.75)
De Kalb County									
1 ESE Butler Center to 1 E Butler Center	14	1806EST 1810EST	1	250	0	0	300K	10K	Tornado (F1)
Once the previous tornado lifted up into the clouds, the thunderstorm cell moved northeast when this second tornado touched down and followed a skipping path near CR 60. The tornado reached the ground about 3 times. The tornado touched down first in a forested area and knocked down many trees. It then lifted and dropped down again in a residential area about a quarter mile away. There was much damage to houses and barns. A window was broken and a downspout torn off of a house. A satellite dish was twisted and bent while a television antenna was knocked off of a roof. Several trees were snapped and knocked onto power lines before the tornado lifted. It touched down a third time less than a quarter mile away. Trees were knocked down; two of them fell on automobiles. Damage was also seen in fields with corn plants being bent or uprooted. The tornado then lifted back up into the clouds.									
Allen County									
(Fwa)Baer Fld Ft Way	14	1809EST			0	0			Thunderstorm Wind (G51)
Allen County									
Ft Wayne	14	1809EST			0	0	0		Thunderstorm Wind
Tree down; minor house damage.									
Huntington County									
1 S Goblesville	14	1810EST			0	0	0		Thunderstorm Wind
Several trees down.									
Allen County									
Ft Wayne	14	1812EST			0	0			Hail (0.75)
Allen County									
10 W Ft Wayne	14	1815EST			0	0	100K		Thunderstorm Wind
More than 100 trees downed at Sycamore Hills Golf Club.									
Blackford County									
Hartford City	14	1815EST			0	0	0		Thunderstorm Wind
Trees and power lines down.									
De Kalb County									
1 SW Garrett	14	1820EST			0	0			Hail (1.00)
De Kalb County									
1 S Garrett	14	1825EST			0	0	0		Thunderstorm Wind
Several trees down.									
Wells County									
Bluffton	14	1825EST			0	0	40K		Thunderstorm Wind
A new house, which had undergone two months of construction, was destroyed.									
De Kalb County									
Butler	14	1838EST			0	0			Hail (0.75)

Synoptic and mesoscale conditions for June 14th...

A significant mid-level shortwave trough was located over Iowa on the morning of June 14th with an outflow dominated squall line across western Illinois. Rapid destabilization ensued later in the morning across eastern Illinois and northern Indiana with CAPES to 3500 j/kg by early afternoon. VAD wind profiles showed 850 millibar winds in excess of 50 knots in advance of the upper trough by afternoon and as storms developed along the left over outflow boundary across Illinois... they quickly became severe and organized into a large bow echo and moved quickly eastward into northern Indiana causing extensive wind damage. By late afternoon... a short segmented squall line developed just ahead of this bow echo squall line and extended from a St. Joseph to Fulton county line. Along the southern end of this line... an embedded tornadic supercell developed and interacted with a left over storm-scale outflow boundary to produce the Wabash/Kosciusko and De Kalb county tornadoes. The lack of significant low level shear likely prevented a much larger and more widespread tornado event especially across Whitley and Allen counties where several funnel clouds were captured on film but failed to touch down.

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
Killed	Injured	Property							
INDIANA, Northeast									
Starke County North Judson	20	1520EST			0	0			Thunderstorm Wind (G50)
Starke County Knox	20	1540EST			0	0	0		Thunderstorm Wind
		Tree blown down.							
Marshall County 5 W Plymouth	20	1552EST			0	0	0		Thunderstorm Wind
		Minor damage to siding of building.							
Marshall County Plymouth	20	1600EST			0	0	0		Thunderstorm Wind
		Tree down.							
Marshall County 3 NW Plymouth	20	1600EST			0	0	0		Thunderstorm Wind
		Several trees down. Camper trailers blown over.							
Fulton County Rochester	20	1618EST			0	0	2K		Thunderstorm Wind
		Tree down on car.							
Elkhart County 3 E Wakarusa	20	1620EST			0	0	0		Thunderstorm Wind
		Tree down.							
De Kalb County Butler	20	1800EST			0	0	0		Thunderstorm Wind
		Several trees and power lines down.							
INZ025		Huntington							
	24	2000EST			0	0		100K	Flood
		2300EST							

Hundreds of acres of soybeans and corn were lost due to excessive flooding throughout the entire county.

MICHIGAN, Extreme Southwest

Berrien County Niles	12	1500EST			0	0	0		Thunderstorm Wind
		Minor wind damage to the roofs of 4 buildings.							
St. Joseph County Countywide	12	1630EST			0	0	0		Thunderstorm Wind
		Trees down in northern part of county.							
Cass County Cassopolis	12	1645EST			0	0	0		Thunderstorm Wind
		Trees down.							
St. Joseph County Colon	12	1740EST			0	0	0		Thunderstorm Wind
		Trees and power lines downed. Minor damage to a grain bin.							
Branch County 6 N Bronson	12	1800EST			0	0	0		Thunderstorm Wind
		Roofs blown off two pole barns. Large grain bin moved 1/4 mile by wind. Trees down and some uprooted.							
Berrien County Stevensville	14	1407EST			0	0			Hail (1.25)

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					Killed	Injured	Property Crops	

MICHIGAN, Extreme Southwest

Berrien County
Coloma **14** **1445EST** **0** **0** **0** **Thunderstorm Wind**
 Trees and power lines down. About 4,200 people lost power.

St. Joseph County
3 SW Three Rivers **14** **1710EST** **0** **0** **0** **Thunderstorm Wind**
 Power lines and pole down. Trees down and some uprooted.

Berrien County
Countywide **14** **1800EST** **0** **0** **0** **Thunderstorm Wind**
 About 5,400 people lost power due to fallen trees on power lines.

Branch County
Bronson **14** **1813EST** **0** **0** **0** **Thunderstorm Wind**
 Trees and power lines down.
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OHIO, Northwest

Putnam County
1 NW Pandora **12** **1712EST** **0.8** **50** **0** **0** **40K** **Tornado (F1)**
 Significant damage to a barn. Minor crop damage and six fruit trees blown down in same location.

Van Wert County
Convoy **14** **1340EST** **0** **0** **0** **Thunderstorm Wind**
 Limbs and poles down.

Paulding County
2 S Paulding **14** **1345EST** **0** **0** **0** **Thunderstorm Wind**
 Trees down.

Van Wert County
Van Wert **14** **1440EST** **0** **0** **10K** **Thunderstorm Wind**
 Barn destroyed. Trees down.

Van Wert County
Van Wert **14** **1540EST** **0** **0** **Hail (0.75)**

Putnam County
3 N Leipsic **14** **1607EST** **0** **0** **0** **Thunderstorm Wind**
 Power lines and poles down.

Williams County
Montpelier **14** **1840EST** **0** **0** **0** **Thunderstorm Wind**
 Power lines down.

Defiance County
Defiance **14** **1845EST** **0** **0** **0** **Thunderstorm Wind**
 One tree down.

Paulding County
Paulding **14** **1850EST** **0** **0** **10K** **Thunderstorm Wind**
 Large tree limbs down. Damage to a house and car.

Fulton County
Wauseon **14** **1925EST** **0** **0** **0** **Thunderstorm Wind**
 One tree down.

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OHIO, Northwest

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Putnam County Ottawa

20 2010EST 0 0 Hail (1.50)

Putnam County Ottawa

20 2010EST 0 0 0 Thunderstorm Wind
Several trees down.